

JoeSandbox Cloud BASIC



**ID:** 385422

**Sample Name:**

UOB\_BANK\_MT104\_SCAN.exe

**Cookbook:** default.jbs

**Time:** 13:41:12

**Date:** 12/04/2021

**Version:** 31.0.0 Emerald

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# Analysis Report UOB\_BANK\_MT104\_SCAN.exe

## Overview

### General Information

Sample Name:

UOB\_BANK\_MT104\_SCAN.exe

Analysis ID:

385422

MD5:

62cffbe922a88eb..

SHA1:

56932184675967..

SHA256:

bcb425236d9708..

Tags:

AgentTesla

Infos:

Most interesting Screenshot:

### Startup

- System is w10x64
- UOB\_BANK\_MT104\_SCAN.exe (PID: 7164 cmdline: 'C:\Users\user\Desktop\UOB\_BANK\_MT104\_SCAN.exe' MD5: 62CFFBE922A88EBAE13AB4AEBFD8ED2D)
  - UOB\_BANK\_MT104\_SCAN.exe (PID: 976 cmdline: C:\Users\user\Desktop\UOB\_BANK\_MT104\_SCAN.exe MD5: 62CFFBE922A88EBAE13AB4AEBFD8ED2D)
  - UOB\_BANK\_MT104\_SCAN.exe (PID: 6460 cmdline: C:\Users\user\Desktop\UOB\_BANK\_MT104\_SCAN.exe MD5: 62CFFBE922A88EBAE13AB4AEBFD8ED2D)
- outlook.exe (PID: 5832 cmdline: 'C:\Users\user\AppData\Roaming\outlook\outlook.exe' MD5: 62CFFBE922A88EBAE13AB4AEBFD8ED2D)
  - outlook.exe (PID: 5948 cmdline: C:\Users\user\AppData\Roaming\outlook\outlook.exe MD5: 62CFFBE922A88EBAE13AB4AEBFD8ED2D)
- outlook.exe (PID: 4684 cmdline: 'C:\Users\user\AppData\Roaming\outlook\outlook.exe' MD5: 62CFFBE922A88EBAE13AB4AEBFD8ED2D)
  - outlook.exe (PID: 6832 cmdline: C:\Users\user\AppData\Roaming\outlook\outlook.exe MD5: 62CFFBE922A88EBAE13AB4AEBFD8ED2D)
- cleanup

## Malware Configuration

Threatname: Agenttesla

```
{  
  "Exfil Mode": "SMTP",  
  "SMTP Info": "datastore1840@yandex.comopjis0123smtp.yandex.com"  
}
```

## Yara Overview

### Memory Dumps

| Source                                                              | Rule                     | Description              | Author       | Strings |
|---------------------------------------------------------------------|--------------------------|--------------------------|--------------|---------|
| 0000000B.00000002.734707746.0000000002901000.00000004.00000001.sdmp | JoeSecurity_AntiVM_3     | Yara detected AntiVM_3   | Joe Security |         |
| 00000000.00000002.653990292.0000000003E9B000.00000004.00000001.sdmp | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |
| 00000012.00000002.897512069.0000000000402000.00000040.00000001.sdmp | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |
| 00000005.00000002.901584866.00000000030E2000.00000004.00000001.sdmp | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |

### Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

AgentTesla

Score:

100

Range:

0 - 100

Whitelisted:

false

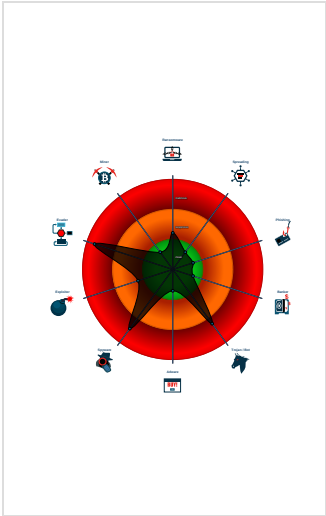
Confidence:

100%

### Signatures

- Found malware configuration
- Multi AV Scanner detection for subm...
- Yara detected AgentTesla
- Yara detected AntiVM3
- .NET source code contains very larg...
- Hides that the sample has been dow...
- Injects a PE file into a foreign proce...
- Moves itself to temp directory
- Queries sensitive BIOS Information ...
- Queries sensitive network adapter in...
- Tries to detect sandboxes and other...
- Tries to harvest and steal Putty / Wi...

### Classification



| Source                                                              | Rule                          | Description                      | Author       | Strings |
|---------------------------------------------------------------------|-------------------------------|----------------------------------|--------------|---------|
| 00000005.00000002.900779830.0000000002DE1000.00000004.00000001.sdmp | JoeSecurity_CredentialStealer | Yara detected Credential Stealer | Joe Security |         |
| Click to see the 22 entries                                         |                               |                                  |              |         |

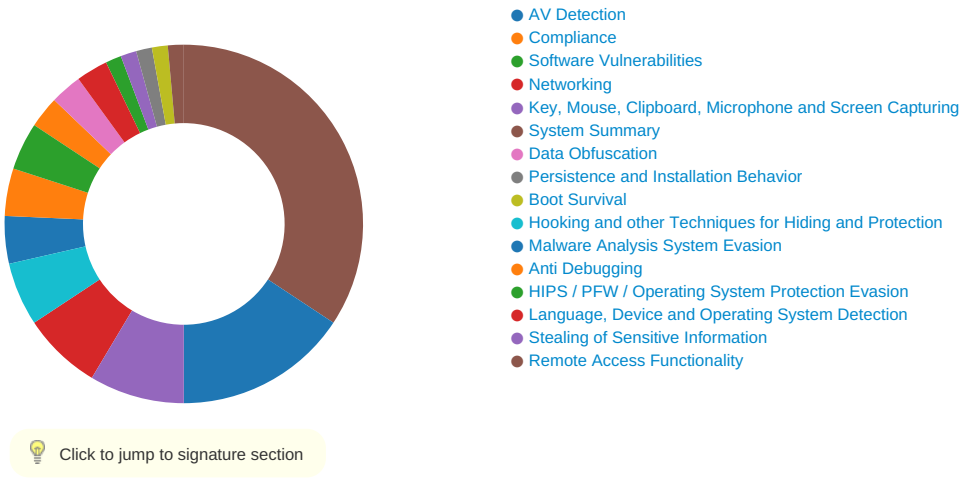
Unpacked PEs

| Source                                      | Rule                     | Description              | Author       | Strings |
|---------------------------------------------|--------------------------|--------------------------|--------------|---------|
| 5.2.UOB_BANK_MT104_SCAN.exe.400000.0.unpack | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |
| 11.2.outlook.exe.3b98490.4.raw.unpack       | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |
| 11.2.outlook.exe.3b98490.4.unpack           | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |
| 14.2.outlook.exe.400000.0.unpack            | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |
| 18.2.outlook.exe.400000.0.unpack            | JoeSecurity_AgentTesla_1 | Yara detected AgentTesla | Joe Security |         |
| Click to see the 4 entries                  |                          |                          |              |         |

Sigma Overview

No Sigma rule has matched

Signature Overview



AV Detection:



Found malware configuration

Multi AV Scanner detection for submitted file

System Summary:



.NET source code contains very large array initializations

Hooking and other Techniques for Hiding and Protection:



Hides that the sample has been downloaded from the Internet (zone.identifier)

Moves itself to temp directory

## Malware Analysis System Evasion:



### Yara detected AntiVM3

Queries sensitive BIOS Information (via WMI, Win32\_Bios & Win32\_BaseBoard, often done to detect virtual machines)

Queries sensitive network adapter information (via WMI, Win32\_NetworkAdapter, often done to detect virtual machines)

Tries to detect sandboxes and other dynamic analysis tools (process name or module or function)

## HIPS / PFW / Operating System Protection Evasion:



Injects a PE file into a foreign processes

## Stealing of Sensitive Information:



### Yara detected AgentTesla

Tries to harvest and steal Putty / WinSCP information (sessions, passwords, etc)

Tries to harvest and steal browser information (history, passwords, etc)

Tries to harvest and steal ftp login credentials

Tries to steal Mail credentials (via file access)

## Remote Access Functionality:

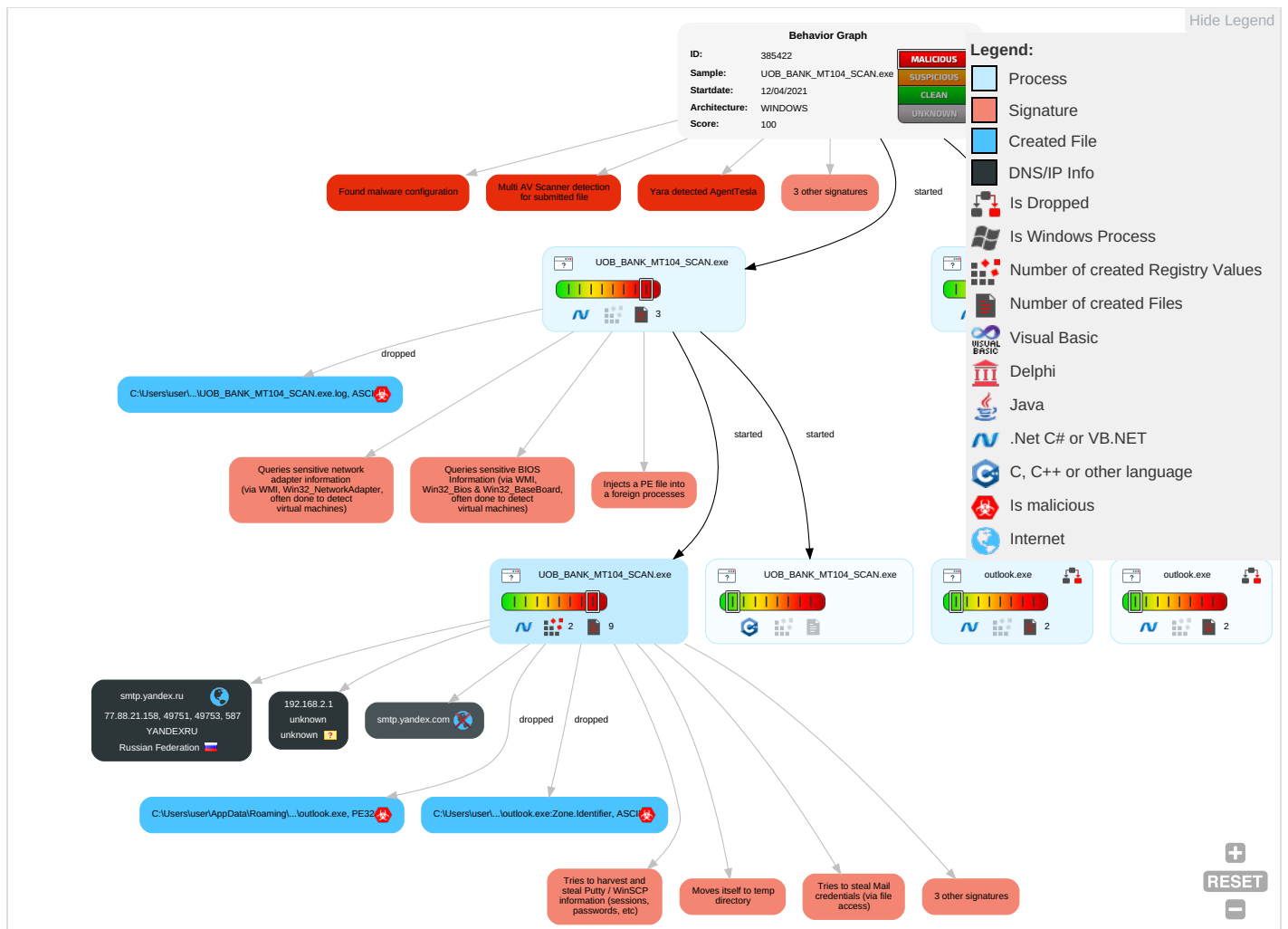


### Yara detected AgentTesla

## Mitre Att&ck Matrix

| Initial Access                      | Execution                                                     | Persistence                                 | Privilege Escalation                         | Defense Evasion                                           | Credential Access                | Discovery                                                 | Lateral Movement                   | Collection                               | Exfiltration                                          | Command and Control                          |
|-------------------------------------|---------------------------------------------------------------|---------------------------------------------|----------------------------------------------|-----------------------------------------------------------|----------------------------------|-----------------------------------------------------------|------------------------------------|------------------------------------------|-------------------------------------------------------|----------------------------------------------|
| Valid Accounts                      | Windows Management Instrumentation <b>2</b> <b>1</b> <b>1</b> | Registry Run Keys / Startup Folder <b>1</b> | Process Injection <b>1</b> <b>1</b> <b>2</b> | Disable or Modify Tools <b>1</b>                          | OS Credential Dumping <b>2</b>   | System Information Discovery <b>1</b> <b>1</b> <b>4</b>   | Remote Services                    | Archive Collected Data <b>1</b> <b>1</b> | Exfiltration Over Other Network Medium                | Encrypted Channel <b>1</b>                   |
| Default Accounts                    | Scheduled Task/Job                                            | Boot or Logon Initialization Scripts        | Registry Run Keys / Startup Folder <b>1</b>  | Deobfuscate/Decode Files or Information <b>1</b>          | Input Capture <b>1</b>           | Query Registry <b>1</b>                                   | Remote Desktop Protocol            | Data from Local System <b>2</b>          | Exfiltration Over Bluetooth                           | Non-Standard Port <b>1</b>                   |
| Domain Accounts                     | At (Linux)                                                    | Logon Script (Windows)                      | Logon Script (Windows)                       | Obfuscated Files or Information <b>3</b>                  | Credentials in Registry <b>1</b> | Security Software Discovery <b>2</b> <b>1</b> <b>1</b>    | SMB/Windows Admin Shares           | Email Collection <b>1</b>                | Automated Exfiltration                                | Non-Application Layer Protocol <b>1</b>      |
| Local Accounts                      | At (Windows)                                                  | Logon Script (Mac)                          | Logon Script (Mac)                           | Software Packing <b>3</b>                                 | NTDS                             | Process Discovery <b>2</b>                                | Distributed Component Object Model | Input Capture <b>1</b>                   | Scheduled Transfer                                    | Application Layer Protocol <b>1</b> <b>1</b> |
| Cloud Accounts                      | Cron                                                          | Network Logon Script                        | Network Logon Script                         | Masquerading <b>1</b> <b>1</b>                            | LSA Secrets                      | Virtualization/Sandbox Evasion <b>1</b> <b>3</b> <b>1</b> | SSH                                | Keylogging                               | Data Transfer Size Limits                             | Fallback Channels                            |
| Replication Through Removable Media | Launchd                                                       | Rc.common                                   | Rc.common                                    | Virtualization/Sandbox Evasion <b>1</b> <b>3</b> <b>1</b> | Cached Domain Credentials        | Application Window Discovery <b>1</b>                     | VNC                                | GUI Input Capture                        | Exfiltration Over C2 Channel                          | Multiband Communication                      |
| External Remote Services            | Scheduled Task                                                | Startup Items                               | Startup Items                                | Process Injection <b>1</b> <b>1</b> <b>2</b>              | DCSync                           | Remote System Discovery <b>1</b>                          | Windows Remote Management          | Web Portal Capture                       | Exfiltration Over Alternative Protocol                | Commonly Used Port                           |
| Drive-by Compromise                 | Command and Scripting Interpreter                             | Scheduled Task/Job                          | Scheduled Task/Job                           | Hidden Files and Directories <b>1</b>                     | Proc Filesystem                  | Network Service Scanning                                  | Shared Webroot                     | Credential API Hooking                   | Exfiltration Over Symmetric Encrypted Non-C2 Protocol | Application Layer Protocol                   |

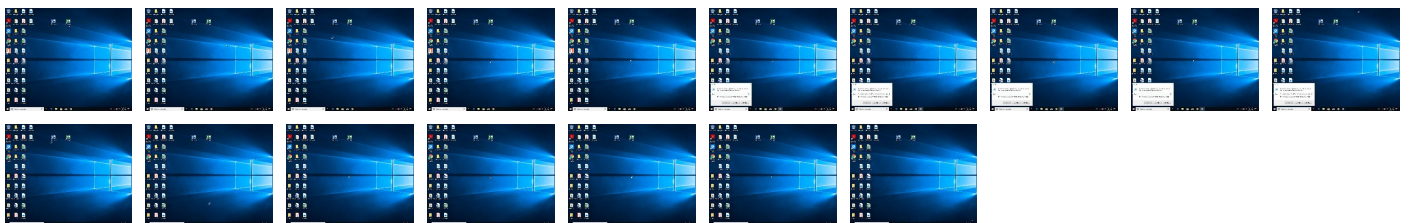
## Behavior Graph



## Screenshots

### Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.





## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

| Source                  | Detection | Scanner    | Label | Link                   |
|-------------------------|-----------|------------|-------|------------------------|
| UOB_BANK_MT104_SCAN.exe | 21%       | Virustotal |       | <a href="#">Browse</a> |

### Dropped Files

No Antivirus matches

### Unpacked PE Files

| Source                                      | Detection | Scanner | Label       | Link | Download                      |
|---------------------------------------------|-----------|---------|-------------|------|-------------------------------|
| 5.2.UOB_BANK_MT104_SCAN.exe.400000.0.unpack | 100%      | Avira   | TR/Spy.Gen8 |      | <a href="#">Download File</a> |
| 14.2.outlook.exe.400000.0.unpack            | 100%      | Avira   | TR/Spy.Gen8 |      | <a href="#">Download File</a> |
| 18.2.outlook.exe.400000.0.unpack            | 100%      | Avira   | TR/Spy.Gen8 |      | <a href="#">Download File</a> |

### Domains

No Antivirus matches

### URLs

| Source                    | Detection | Scanner         | Label | Link |
|---------------------------|-----------|-----------------|-------|------|
| http://127.0.0.1:HTTP/1.1 | 0%        | Avira URL Cloud | safe  |      |

| Source                                                                                                        | Detection | Scanner         | Label | Link |
|---------------------------------------------------------------------------------------------------------------|-----------|-----------------|-------|------|
| <a href="http://www.founder.com.cn/cn/bThe">http://www.founder.com.cn/cn/bThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn/bThe">http://www.founder.com.cn/cn/bThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn/bThe">http://www.founder.com.cn/cn/bThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn/bThe">http://www.founder.com.cn/cn/bThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://eLwHQQ0svk5HHFd0MGv.net">http://eLwHQQ0svk5HHFd0MGv.net</a>                                   | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://subca.ocsp-certum">http://subca.ocsp-certum</a>                                               | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://www.tiro.com">http://www.tiro.com</a>                                                         | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.tiro.com">http://www.tiro.com</a>                                                         | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.tiro.com">http://www.tiro.com</a>                                                         | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.tiro.com">http://www.tiro.com</a>                                                         | 0%        | URL Reputation  | safe  |      |
| <a href="http://crl.certum.">http://crl.certum.</a>                                                           | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://www.goodfont.co.kr">http://www.goodfont.co.kr</a>                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.goodfont.co.kr">http://www.goodfont.co.kr</a>                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.goodfont.co.kr">http://www.goodfont.co.kr</a>                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.goodfont.co.kr">http://www.goodfont.co.kr</a>                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sajatypeworks.com">http://www.sajatypeworks.com</a>                                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sajatypeworks.com">http://www.sajatypeworks.com</a>                                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sajatypeworks.com">http://www.sajatypeworks.com</a>                                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sajatypeworks.com">http://www.sajatypeworks.com</a>                                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://subca.ocsp-certum.com0.">http://subca.ocsp-certum.com0.</a>                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://subca.ocsp-certum.com0.">http://subca.ocsp-certum.com0.</a>                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://subca.ocsp-certum.com0.">http://subca.ocsp-certum.com0.</a>                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://subca.ocsp-certum.com0.">http://subca.ocsp-certum.com0.</a>                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.typography.netD">http://www.typography.netD</a>                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.typography.netD">http://www.typography.netD</a>                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.typography.netD">http://www.typography.netD</a>                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.typography.netD">http://www.typography.netD</a>                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn/cThe">http://www.founder.com.cn/cn/cThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn/cThe">http://www.founder.com.cn/cn/cThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn/cThe">http://www.founder.com.cn/cn/cThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn/cThe">http://www.founder.com.cn/cn/cThe</a>                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.galapagosdesign.com/staff/dennis.htm">http://www.galapagosdesign.com/staff/dennis.htm</a> | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.galapagosdesign.com/staff/dennis.htm">http://www.galapagosdesign.com/staff/dennis.htm</a> | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.galapagosdesign.com/staff/dennis.htm">http://www.galapagosdesign.com/staff/dennis.htm</a> | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.galapagosdesign.com/staff/dennis.htm">http://www.galapagosdesign.com/staff/dennis.htm</a> | 0%        | URL Reputation  | safe  |      |
| <a href="http://fontfabrik.com">http://fontfabrik.com</a>                                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://fontfabrik.com">http://fontfabrik.com</a>                                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://fontfabrik.com">http://fontfabrik.com</a>                                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://fontfabrik.com">http://fontfabrik.com</a>                                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.fontbureau.com%">http://www.fontbureau.com%</a>                                           | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://subca.ocsp-certum.com01">http://subca.ocsp-certum.com01</a>                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://subca.ocsp-certum.com01">http://subca.ocsp-certum.com01</a>                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://subca.ocsp-certum.com01">http://subca.ocsp-certum.com01</a>                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.fonts.comn">http://www.fonts.comn</a>                                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.fonts.comn">http://www.fonts.comn</a>                                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.fonts.comn">http://www.fonts.comn</a>                                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.galapagosdesign.com/DPlease">http://www.galapagosdesign.com/DPlease</a>                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.galapagosdesign.com/DPlease">http://www.galapagosdesign.com/DPlease</a>                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.galapagosdesign.com/DPlease">http://www.galapagosdesign.com/DPlease</a>                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/Y0">http://www.jiyu-kobo.co.jp/Y0</a>                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/Y0">http://www.jiyu-kobo.co.jp/Y0</a>                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/Y0">http://www.jiyu-kobo.co.jp/Y0</a>                                     | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://api.ipify.org%GETMozilla/5.0">http://https://api.ipify.org%GETMozilla/5.0</a>         | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://api.ipify.org%GETMozilla/5.0">http://https://api.ipify.org%GETMozilla/5.0</a>         | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://api.ipify.org%GETMozilla/5.0">http://https://api.ipify.org%GETMozilla/5.0</a>         | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/%">http://www.jiyu-kobo.co.jp/%</a>                                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/%">http://www.jiyu-kobo.co.jp/%</a>                                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/%">http://www.jiyu-kobo.co.jp/%</a>                                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sandoll.co.kr">http://www.sandoll.co.kr</a>                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sandoll.co.kr">http://www.sandoll.co.kr</a>                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sandoll.co.kr">http://www.sandoll.co.kr</a>                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.urwpp.deDPlease">http://www.urwpp.deDPlease</a>                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.urwpp.deDPlease">http://www.urwpp.deDPlease</a>                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.urwpp.deDPlease">http://www.urwpp.deDPlease</a>                                           | 0%        | URL Reputation  | safe  |      |

| Source                                                                                                                                                                                                                                | Detection | Scanner         | Label | Link |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|-------|------|
| <a href="http://www.zhongyicts.com.cn">http://www.zhongyicts.com.cn</a>                                                                                                                                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.zhongyicts.com.cn">http://www.zhongyicts.com.cn</a>                                                                                                                                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.zhongyicts.com.cn">http://www.zhongyicts.com.cn</a>                                                                                                                                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/fi-f">http://www.jiyu-kobo.co.jp/fi-f</a>                                                                                                                                                         | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://www.sakkal.com">http://www.sakkal.com</a>                                                                                                                                                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sakkal.com">http://www.sakkal.com</a>                                                                                                                                                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.sakkal.com">http://www.sakkal.com</a>                                                                                                                                                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip</a>                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip</a>                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip</a>                       | 0%        | URL Reputation  | safe  |      |
| <a href="http://JalZBT.com">http://JalZBT.com</a>                                                                                                                                                                                     | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://DynDns.comDynDNS">http://DynDns.comDynDNS</a>                                                                                                                                                                         | 0%        | URL Reputation  | safe  |      |
| <a href="http://DynDns.comDynDNS">http://DynDns.comDynDNS</a>                                                                                                                                                                         | 0%        | URL Reputation  | safe  |      |
| <a href="http://DynDns.comDynDNS">http://DynDns.comDynDNS</a>                                                                                                                                                                         | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cnLog">http://www.founder.com.cn/cnLog</a>                                                                                                                                                         | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha</a> | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha</a> | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%%ha</a> | 0%        | URL Reputation  | safe  |      |
| <a href="http://yandex.crl">http://yandex.crl</a>                                                                                                                                                                                     | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/jp/o">http://www.jiyu-kobo.co.jp/jp/o</a>                                                                                                                                                         | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/H">http://www.jiyu-kobo.co.jp/H</a>                                                                                                                                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/H">http://www.jiyu-kobo.co.jp/H</a>                                                                                                                                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/H">http://www.jiyu-kobo.co.jp/H</a>                                                                                                                                                               | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/A">http://www.jiyu-kobo.co.jp/A</a>                                                                                                                                                               | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/jp/">http://www.jiyu-kobo.co.jp/jp/</a>                                                                                                                                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/jp/">http://www.jiyu-kobo.co.jp/jp/</a>                                                                                                                                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.jiyu-kobo.co.jp/jp/">http://www.jiyu-kobo.co.jp/jp/</a>                                                                                                                                                           | 0%        | URL Reputation  | safe  |      |
| <a href="http://https://api.ipify.org%\$">http://https://api.ipify.org%\$</a>                                                                                                                                                         | 0%        | Avira URL Cloud | safe  |      |
| <a href="http://www.carterandcone.coml">http://www.carterandcone.coml</a>                                                                                                                                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.carterandcone.coml">http://www.carterandcone.coml</a>                                                                                                                                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.carterandcone.coml">http://www.carterandcone.coml</a>                                                                                                                                                             | 0%        | URL Reputation  | safe  |      |
| <a href="http://yandex.ocsp-responder.com03">http://yandex.ocsp-responder.com03</a>                                                                                                                                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://yandex.ocsp-responder.com03">http://yandex.ocsp-responder.com03</a>                                                                                                                                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://yandex.ocsp-responder.com03">http://yandex.ocsp-responder.com03</a>                                                                                                                                                   | 0%        | URL Reputation  | safe  |      |
| <a href="http://www.founder.com.cn/cn">http://www.founder.com.cn/cn</a>                                                                                                                                                               | 0%        | URL Reputation  | safe  |      |

## Domains and IPs

### Contacted Domains

| Name            | IP           | Active  | Malicious | Antivirus Detection | Reputation |
|-----------------|--------------|---------|-----------|---------------------|------------|
| smtp.yandex.ru  | 77.88.21.158 | true    | false     |                     | high       |
| smtp.yandex.com | unknown      | unknown | false     |                     | high       |

### URLs from Memory and Binaries

| Name                                                              | Source                                                                                                                                                                                                                                                          | Malicious | Antivirus Detection                                                     | Reputation |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------|------------|
| <a href="http://127.0.0.1:HTTP/1.1">http://127.0.0.1:HTTP/1.1</a> | UOB_BANK_MT104_SCAN.exe, 00000005.00000002.900779830.0000000002DE1000.00000004.00000001.sdmp, outlook.exe, 0000000E.00000002.900334677.0000000002AE1000.00000004.00000001.sdmp, outlook.exe, 00000012.00000002.900125082.000000003501000.00000004.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul> | low        |

| Name                                                                                                                                                                          | Source                                                                                                                                                                                                                                                                                 | Malicious | Antivirus Detection                                                                                                                                              | Reputation |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <a href="http://www.fontbureau.com/designersG">http://www.fontbureau.com/designersG</a>                                                                                       | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                          | false     |                                                                                                                                                                  | high       |
| <a href="http://www.fontbureau.com/designers/?">http://www.fontbureau.com/designers/?</a>                                                                                     | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                          | false     |                                                                                                                                                                  | high       |
| <a href="http://www.founder.com.cn/cn/bThe">http://www.founder.com.cn/cn/bThe</a>                                                                                             | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                          | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://eLwHQQ0svk5HHFd0MGv.net">http://eLwHQQ0svk5HHFd0MGv.net</a>                                                                                                   | UOB_BANK_MT104_SCAN.exe, 00000005.00000002.901584866.00000000030E2000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000005.00000002.902051622.0000000316A000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000005.00000003.856563037.00000000010C4000.00000004.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                                                          | unknown    |
| <a href="http://www.fontbureau.com/designers?">http://www.fontbureau.com/designers?</a>                                                                                       | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                          | false     |                                                                                                                                                                  | high       |
| <a href="http://yandex.crl.certum.pl/ycasha2.crl0q">http://yandex.crl.certum.pl/ycasha2.crl0q</a>                                                                             | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                                           | false     |                                                                                                                                                                  | high       |
| <a href="http://subca.ocsp-certum">http://subca.ocsp-certum</a>                                                                                                               | UOB_BANK_MT104_SCAN.exe, 00000005.00000002.905675648.0000000006630000.00000004.00000001.sdmp                                                                                                                                                                                           | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                                                          | unknown    |
| <a href="http://www.tiro.com">http://www.tiro.com</a>                                                                                                                         | outlook.exe, 00000010.00000002.763199162.0000000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                       | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.fontbureau.com/designers">http://www.fontbureau.com/designers</a>                                                                                         | outlook.exe, 00000010.00000002.763199162.0000000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                       | false     |                                                                                                                                                                  | high       |
| <a href="http://crl.certum">http://crl.certum</a>                                                                                                                             | UOB_BANK_MT104_SCAN.exe, 00000005.00000002.905675648.0000000006630000.00000004.00000001.sdmp                                                                                                                                                                                           | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                                                          | unknown    |
| <a href="http://www.goodfont.co.kr">http://www.goodfont.co.kr</a>                                                                                                             | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                          | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css">http://https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstrap.min.css</a> | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.653198971.0000000002D11000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.734707746.0000000002901000.00000004.00000001.sdmp, outlook.exe, 00000010.00000002.758186038.00000002F01000.00000004.00000001.sdmp                          | false     |                                                                                                                                                                  | high       |

| Name                                                                                                          | Source                                                                                                                                                                                                                                                                                                                                                         | Malicious | Antivirus Detection                                                                                                                                                      | Reputation |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <a href="http://www.sajatypeworks.com">http://www.sajatypeworks.com</a>                                       | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.000000001.sdmp                                                                                               | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://subca.ocsp-certum.com0">http://subca.ocsp-certum.com0</a>                                     | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.typography.netD">http://www.typography.netD</a>                                           | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.000000001.sdmp                                                                                               | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://repository.certum.pl/ca.cer09">http://repository.certum.pl/ca.cer09</a>                       | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                   | false     |                                                                                                                                                                          | high       |
| <a href="http://www.founder.com.cn/cn/cThe">http://www.founder.com.cn/cn/cThe</a>                             | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.000000001.sdmp                                                                                               | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.galapagosdesign.com/staff/dennis.htm">http://www.galapagosdesign.com/staff/dennis.htm</a> | UOB_BANK_MT104_SCAN.exe, 00000000.00000003.640104709.0000000005BBA000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000006DC2000.00000004.000000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.0000000005ED0000.00000002.00000001.sdmp  | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://fontfabrik.com">http://fontfabrik.com</a>                                                     | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000000.00000003.635320982.00000005BCB000.00000004.000000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.0000000005ED0000.00000002.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.fontbureau.com%">http://www.fontbureau.com%</a>                                           | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.655298585.0000000005BB7000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>• Avira URL Cloud: safe</li> </ul>                                                                                                | low        |
| <a href="http://subca.ocsp-certum.com01">http://subca.ocsp-certum.com01</a>                                   | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul>                                 | unknown    |
| <a href="http://www.fonts.comn">http://www.fonts.comn</a>                                                     | UOB_BANK_MT104_SCAN.exe, 00000000.00000003.635092214.0000000005BCB000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul>                                 | unknown    |
| <a href="http://www.galapagosdesign.com/DPlease">http://www.galapagosdesign.com/DPlease</a>                   | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.000000001.sdmp                                                                                               | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul>                                 | unknown    |
| <a href="http://www.jiyu-kobo.co.jp/Y0">http://www.jiyu-kobo.co.jp/Y0</a>                                     | UOB_BANK_MT104_SCAN.exe, 00000000.00000003.638623691.0000000005BB7000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul>                                 | unknown    |
| <a href="http://https://api.ipify.org%GETMozilla/5.0">http://https://api.ipify.org%GETMozilla/5.0</a>         | outlook.exe, 00000012.00000002.900125082.0000000003501000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                               | false     | <ul style="list-style-type: none"> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> <li>• URL Reputation: safe</li> </ul>                                 | low        |

| Name                                                                                                                                                                                            | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Malicious | Antivirus Detection                                                                                                                | Reputation |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|------------|
| <a href="http://www.fonts.com">http://www.fonts.com</a>                                                                                                                                         | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                | false     |                                                                                                                                    | high       |
| <a href="http://www.jiyu-kobo.co.jp/%">http://www.jiyu-kobo.co.jp/%</a>                                                                                                                         | UOB_BANK_MT104_SCAN.exe, 00000000.00000003.638292104.00000000005BBC000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.sandoll.co.kr">http://www.sandoll.co.kr</a>                                                                                                                                 | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.urwpp.deDPlease">http://www.urwpp.deDPlease</a>                                                                                                                             | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.zhongyicts.com.cn">http://www.zhongyicts.com.cn</a>                                                                                                                         | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name">http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name</a>                                                             | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.653103625.00000000002CC1000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.734583011.00000000028B1000.00000004.00000001.sdmp, outlook.exe, 00000010.00000002.757931967.00000002EB1000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                | false     |                                                                                                                                    | high       |
| <a href="http://www.jiyu-kobo.co.jp/fi-f">http://www.jiyu-kobo.co.jp/fi-f</a>                                                                                                                   | UOB_BANK_MT104_SCAN.exe, 00000000.00000003.638292104.00000000005BBC000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                  | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://www.sakkal.com">http://www.sakkal.com</a>                                                                                                                                       | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.656292638.00000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip">http://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip</a> | UOB_BANK_MT104_SCAN.exe, 00000000.00000002.653990292.00000000003E9B000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000005.00000002.897472455.00000000402000.00000040.00000001.sdmp, outlook.exe, 0000000B.00000002.736717665.0000000003A8B000.00000004.00000001.sdmp, outlook.exe, 0000000E.00000002.897512703.000000000402000.00000040.00000001.sdmp, outlook.exe, 00000010.00000002.759764296.000000000408B000.00000004.00000001.sdmp, outlook.exe, 00000012.00000002.897512069.00000000402000.00000040.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.certum.pl/CPS0">http://www.certum.pl/CPS0</a>                                                                                                                               | UOB_BANK_MT104_SCAN.exe, 00000000.005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                               | false     |                                                                                                                                    | high       |
| <a href="http://repository.certum.pl/ycasha2.cer0">http://repository.certum.pl/ycasha2.cer0</a>                                                                                                 | UOB_BANK_MT104_SCAN.exe, 00000000.005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                               | false     |                                                                                                                                    | high       |

| Name                                                                                                                                                                                                                                | Source                                                                                                                                                                                                                                                         | Malicious | Antivirus Detection                                                                                                                | Reputation |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|------------|
| <a href="http://JalZBT.com">http://JalZBT.com</a>                                                                                                                                                                                   | outlook.exe, 00000012.00000002.900125082.0000000003501000.00000004.00000001.sdmp                                                                                                                                                                               | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>                                                                                                                                 | UOB_BANK_MT104_SCAN.exe, 0000000.000000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp | false     |                                                                                                                                    | high       |
| <a href="http://www.fontbureau.com">http://www.fontbureau.com</a>                                                                                                                                                                   | UOB_BANK_MT104_SCAN.exe, 0000000.000000002.655298585.0000000005BB7000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp | false     |                                                                                                                                    | high       |
| <a href="http://DynDns.comDynDNS">http://DynDns.comDynDNS</a>                                                                                                                                                                       | outlook.exe, 00000012.00000002.900125082.0000000003501000.00000004.00000001.sdmp                                                                                                                                                                               | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://repository.certum.pl/ctnca.cer09">http://repository.certum.pl/ctnca.cer09</a>                                                                                                                                       | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                   | false     |                                                                                                                                    | high       |
| <a href="http://www.founder.com.cn/cnLog">http://www.founder.com.cn/cnLog</a>                                                                                                                                                       | UOB_BANK_MT104_SCAN.exe, 0000000.000000003.636617989.0000000005BBE000.00000004.00000001.sdmp                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%ha">http://https://www.theonionrouter.com/dist.torproject.org/torbrowser/9.5.3/tor-win32-0.4.3.6.zip%tordir%ha</a> | UOB_BANK_MT104_SCAN.exe, 00000005.00000002.900779830.0000000002DE1000.00000004.00000001.sdmp, outlook.exe, 0000000E.00000002.900334677.0000000002AE1000.00000004.00000001.sdmp, outlook.exe, 00000012.00000002.900125082.00000003501000.00000004.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://crl.certum.pl/ctnca.crl0k">http://crl.certum.pl/ctnca.crl0k</a>                                                                                                                                                     | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                   | false     |                                                                                                                                    | high       |
| <a href="http://yandex.crl">http://yandex.crl</a>                                                                                                                                                                                   | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://www.jiyu-kobo.co.jp/jp/o">http://www.jiyu-kobo.co.jp/jp/o</a>                                                                                                                                                       | UOB_BANK_MT104_SCAN.exe, 0000000.000000003.638292104.0000000005BBC000.00000004.00000001.sdmp                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://www.jiyu-kobo.co.jp/H">http://www.jiyu-kobo.co.jp/H</a>                                                                                                                                                             | UOB_BANK_MT104_SCAN.exe, 0000000.000000003.638292104.0000000005BBC000.00000004.00000001.sdmp                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://https://www.certum.pl/CPS0">http://https://www.certum.pl/CPS0</a>                                                                                                                                                   | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                   | false     |                                                                                                                                    | high       |
| <a href="http://www.jiyu-kobo.co.jp/A">http://www.jiyu-kobo.co.jp/A</a>                                                                                                                                                             | UOB_BANK_MT104_SCAN.exe, 0000000.000000003.638623691.0000000005BB7000.00000004.00000001.sdmp                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://www.jiyu-kobo.co.jp/jp/">http://www.jiyu-kobo.co.jp/jp/</a>                                                                                                                                                         | UOB_BANK_MT104_SCAN.exe, 0000000.000000003.638292104.0000000005BBC000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000000.00000003.638438342.000000005BB4000.00000004.00000001.sdmp                                                                      | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://smtp.yandex.com">http://smtp.yandex.com</a>                                                                                                                                                                         | UOB_BANK_MT104_SCAN.exe, 00000005.00000002.902115914.0000000003180000.00000004.00000001.sdmp                                                                                                                                                                   | false     |                                                                                                                                    | high       |
| <a href="http://https://api.ipify.org%\$">http://https://api.ipify.org%\$</a>                                                                                                                                                       | UOB_BANK_MT104_SCAN.exe, 00000005.00000002.900779830.0000000002DE1000.00000004.00000001.sdmp                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | low        |
| <a href="http://www.carterandcone.coml">http://www.carterandcone.coml</a>                                                                                                                                                           | UOB_BANK_MT104_SCAN.exe, 0000000.000000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://yandex.ocsp-responder.com03">http://yandex.ocsp-responder.com03</a>                                                                                                                                                 | UOB_BANK_MT104_SCAN.exe, 00000005.00000003.873712639.000000000664A000.00000004.00000001.sdmp                                                                                                                                                                   | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |

| Name                                                                                                                  | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Malicious | Antivirus Detection                                                                                                                | Reputation |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|------------|
| <a href="http://www.fontbureau.com/designers/cabarga.html">http://www.fontbureau.com/designers/cabarga.html</a>       | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                                        | false     |                                                                                                                                    | high       |
| <a href="http://www.founder.com.cn/cn">http://www.founder.com.cn/cn</a>                                               | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                                        | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.fontbureau.com/designers/frere-user.html">http://www.fontbureau.com/designers/frere-user.html</a> | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                                        | false     |                                                                                                                                    | high       |
| <a href="http://www.jiyu-kobo.co.jp/v">http://www.jiyu-kobo.co.jp/v</a>                                               | UOB_BANK_MT104_SCAN.exe, 0000000.00000003.638438342.0000000005BB4000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                          | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://www.jiyu-kobo.co.jp/jp/%">http://www.jiyu-kobo.co.jp/jp/%</a>                                         | UOB_BANK_MT104_SCAN.exe, 0000000.00000003.638438342.0000000005BB4000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                          | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://yandex.ocsp-rXj">http://yandex.ocsp-rXj</a>                                                           | UOB_BANK_MT104_SCAN.exe, 0000005.00000002.905675648.000000006630000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                           | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |
| <a href="http://crls.yandex.net/certum/ycasha2.crl0-">http://crls.yandex.net/certum/ycasha2.crl0-</a>                 | UOB_BANK_MT104_SCAN.exe, 0000005.00000003.873712639.00000000664A000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                           | false     |                                                                                                                                    | high       |
| <a href="http://crls.yandex.net/certum/ycasha2.crl0LjZk">http://crls.yandex.net/certum/ycasha2.crl0LjZk)</a>          | UOB_BANK_MT104_SCAN.exe, 0000005.00000002.905675648.000000006630000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                           | false     |                                                                                                                                    | high       |
| <a href="http://www.jiyu-kobo.co.jp/">http://www.jiyu-kobo.co.jp/</a>                                                 | UOB_BANK_MT104_SCAN.exe, 0000000.00000003.638292104.0000000005BBC000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 0000000.00000003.638438342.00000005BB4000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000000.00000003.638623691.0000000005BB7000.00000004.00000001.sdmp, UOB_BANK_MT104_SCAN.exe, 00000000.00000003.638410750.0000000005BBC000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.0000000005ED0000.00000002.00000001.sdmp | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.fontbureau.com/designers8">http://www.fontbureau.com/designers8</a>                               | UOB_BANK_MT104_SCAN.exe, 0000000.00000002.656292638.0000000006DC2000.00000004.00000001.sdmp, outlook.exe, 0000000B.00000002.742367420.00000000059B0000.00000002.00000001.sdmp, outlook.exe, 00000010.00000002.763199162.00000005ED0000.00000002.00000001.sdmp                                                                                                                                                                                                                                                                                        | false     |                                                                                                                                    | high       |
| <a href="http://crl.certum.pl/ca.crl0h">http://crl.certum.pl/ca.crl0h</a>                                             | UOB_BANK_MT104_SCAN.exe, 0000005.00000003.873712639.00000000664A000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                           | false     |                                                                                                                                    | high       |
| <a href="http://www.jiyu-kobo.co.jp/d">http://www.jiyu-kobo.co.jp/d</a>                                               | UOB_BANK_MT104_SCAN.exe, 0000000.00000003.638292104.0000000005BBC000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                          | false     | <ul style="list-style-type: none"> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> <li>URL Reputation: safe</li> </ul> | unknown    |
| <a href="http://www.founder.com.cn/cnrig">http://www.founder.com.cn/cnrig</a>                                         | UOB_BANK_MT104_SCAN.exe, 0000000.00000003.636617989.0000000005BBE000.00000004.00000001.sdmp                                                                                                                                                                                                                                                                                                                                                                                                                                                          | false     | <ul style="list-style-type: none"> <li>Avira URL Cloud: safe</li> </ul>                                                            | unknown    |

## Contacted IPs



## Public

| IP           | Domain         | Country            | Flag | ASN   | ASN Name | Malicious |
|--------------|----------------|--------------------|------|-------|----------|-----------|
| 77.88.21.158 | smtp.yandex.ru | Russian Federation |      | 13238 | YANDEXRU | false     |

## Private

| IP          |
|-------------|
| 192.168.2.1 |

## General Information

|                                                    |                                                                                                                               |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                               | 31.0.0 Emerald                                                                                                                |
| Analysis ID:                                       | 385422                                                                                                                        |
| Start date:                                        | 12.04.2021                                                                                                                    |
| Start time:                                        | 13:41:12                                                                                                                      |
| Joe Sandbox Product:                               | CloudBasic                                                                                                                    |
| Overall analysis duration:                         | 0h 12m 4s                                                                                                                     |
| Hypervisor based Inspection enabled:               | false                                                                                                                         |
| Report type:                                       | light                                                                                                                         |
| Sample file name:                                  | UOB_BANK_MT104_SCAN.exe                                                                                                       |
| Cookbook file name:                                | default.jbs                                                                                                                   |
| Analysis system description:                       | Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211           |
| Number of analysed new started processes analysed: | 24                                                                                                                            |
| Number of new started drivers analysed:            | 0                                                                                                                             |
| Number of existing processes analysed:             | 0                                                                                                                             |
| Number of existing drivers analysed:               | 0                                                                                                                             |
| Number of injected processes analysed:             | 0                                                                                                                             |
| Technologies:                                      | <ul style="list-style-type: none"> <li>HCA enabled</li> <li>EGA enabled</li> <li>HDC enabled</li> <li>AMSI enabled</li> </ul> |
| Analysis Mode:                                     | default                                                                                                                       |

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Analysis stop reason: | Timeout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Detection:            | MAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Classification:       | mal100.troj.spyw.evad.winEXE@11/5@4/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| EGA Information:      | Failed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| HDC Information:      | <ul style="list-style-type: none"> <li>Successful, ratio: 0.1% (good quality ratio 0%)</li> <li>Quality average: 19.1%</li> <li>Quality standard deviation: 29.5%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| HCA Information:      | <ul style="list-style-type: none"> <li>Successful, ratio: 98%</li> <li>Number of executed functions: 0</li> <li>Number of non-executed functions: 0</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cookbook Comments:    | <ul style="list-style-type: none"> <li>Adjust boot time</li> <li>Enable AMSI</li> <li>Found application associated with file extension: .exe</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Warnings:             | <p>Show All</p> <ul style="list-style-type: none"> <li>Exclude process from analysis (whitelisted): BackgroundTransferHost.exe, backgroundTaskHost.exe, svchost.exe</li> <li>Excluded IPs from analysis (whitelisted): 131.253.33.200, 13.107.22.200, 92.122.145.220, 104.43.193.48, 52.147.198.201, 13.64.90.137, 52.255.188.83, 20.82.209.183, 168.61.161.212, 92.122.213.194, 92.122.213.247, 205.185.216.42, 205.185.216.10, 104.42.151.234, 20.82.210.154, 20.54.26.129</li> <li>Excluded domains from analysis (whitelisted): arc.msn.com, nsatc.net, store-images.s-microsoft.com, c.edgekey.net, a1449.dscg2.akamai.net, arc.msn.com, e12564.dspb.akamaiedge.net, www.bing-com.dual-a-0001.a-msedge.net, audownload.windowsupdate.net, au.download.windowsupdate.com.hwcdn.net, arc.trafficmanager.net, watson.telemetry.microsoft.com, img-prod-cms-rt-microsoft-com.akamaized.net, au-bg-shim.trafficmanager.net, www.bing.com, skypedataprdcolwus17.cloudapp.net, ris-prod.trafficmanager.net, skypedataprdcolcus17.cloudapp.net, ctldl.windowsupdate.com, cds.d2s7q6s2.hwcdn.net, skypedataprdcolcus15.cloudapp.net, dual-a-0001.dc-msedge.net, skypedataprdcoleus16.cloudapp.net, ris.api.iris.microsoft.com, skypedataprdcoleus17.cloudapp.net, a-0001.a-afdentry.net, trafficmanager.net, store-images.s-microsoft.com, blobcollector.events.data.trafficmanager.net, skypedataprdcolwus16.cloudapp.net</li> <li>Report creation exceeded maximum time and may have missing disassembly code information.</li> <li>Report size exceeded maximum capacity and may have missing behavior information.</li> <li>Report size getting too big, too many NtAllocateVirtualMemory calls found.</li> <li>Report size getting too big, too many NtOpenKeyEx calls found.</li> <li>Report size getting too big, too many NtProtectVirtualMemory calls found.</li> <li>Report size getting too big, too many NtQueryValueKey calls found.</li> </ul> |

## Simulations

### Behavior and APIs

| Time     | Type            | Description                                                                                                         |
|----------|-----------------|---------------------------------------------------------------------------------------------------------------------|
| 13:41:58 | API Interceptor | 719x Sleep call for process: UOB_BANK_MT104_SCAN.exe modified                                                       |
| 13:42:25 | Autostart       | Run: HKCU\Software\Microsoft\Windows\CurrentVersion\Run outlook C:\Users\user\AppData\Roaming\outlook\outlook.exe   |
| 13:42:33 | Autostart       | Run: HKCU64\Software\Microsoft\Windows\CurrentVersion\Run outlook C:\Users\user\AppData\Roaming\outlook\outlook.exe |
| 13:42:38 | API Interceptor | 838x Sleep call for process: outlook.exe modified                                                                   |

## Joe Sandbox View / Context

### IPs

| Match        | Associated Sample Name / URL                           | SHA 256                  | Detection | Link                   | Context |
|--------------|--------------------------------------------------------|--------------------------|-----------|------------------------|---------|
| 77.88.21.158 | zq17jG57TX.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | SecuriteInfo.com.Trojan.GenericKD.36663460.22787.exe   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | Payment_Advice.exe                                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | Swift_Copy.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | C6RET8T1Wi.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | RFQ# ZAT77095_pdf.exe                                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | AL JUNEIDI LIST.xlsx                                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | SWIFT.exe                                              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | Payment_Advice (2).exe                                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | cricket.exe                                            | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | SG1_000000123205044_1.pdf.gz.exe                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | Ordine d'acquisto 240517_04062021.exe                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | Order 01042021-V728394-H16.pdf.exe                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | RFQ#EX50GO_pdf.exe                                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | TRANSACTION_INTTRANSFER_1617266945242 ME DICON_PDF.exe | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | Shandong CIRS Form.exe                                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | DHL_DELIVERY_CONFIRMATION_CBJ00204202106 8506.exe      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | REQUEST QUOTATION BID..pdf.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | RFQ#ZAEL67012_doc.exe                                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|              | Q99Eljz7IT.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |

### Domains

| Match          | Associated Sample Name / URL                           | SHA 256                  | Detection | Link                   | Context        |
|----------------|--------------------------------------------------------|--------------------------|-----------|------------------------|----------------|
| smtp.yandex.ru | zq17jG57TX.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | SecuriteInfo.com.Trojan.GenericKD.36663460.22787.exe   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | Payment_Advice.exe                                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | qINcOlwRud.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | Swift_Copy.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | C6RET8T1Wi.exe                                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | RFQ# ZAT77095_pdf.exe                                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | AL JUNEIDI LIST.xlsx                                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | SWIFT.exe                                              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | Payment_Advice (2).exe                                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | cricket.exe                                            | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | SG1_000000123205044_1.pdf.gz.exe                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | Ordine d'acquisto 240517_04062021.exe                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | Order 01042021-V728394-H16.pdf.exe                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | RFQ#EX50GO_pdf.exe                                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | TRANSACTION_INTTRANSFER_1617266945242 ME DICON_PDF.exe | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | Shandong CIRS Form.exe                                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | DHL_DELIVERY_CONFIRMATION_CBJ00204202106 8506.exe      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | REQUEST QUOTATION BID..pdf.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|                | RFQ#ZAEL67012_doc.exe                                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |

### ASN

| Match    | Associated Sample Name / URL                         | SHA 256                  | Detection | Link                   | Context        |
|----------|------------------------------------------------------|--------------------------|-----------|------------------------|----------------|
| YANDEXRU | zq17jG57TX.exe                                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|          | SecuriteInfo.com.Trojan.GenericKD.36663460.22787.exe | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|          | Payment_Advice.exe                                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|          | Swift_Copy.exe                                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|          | C6RET8T1Wi.exe                                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|          | RFQ# ZAT77095_pdf.exe                                | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|          | AL JUNEIDI LIST.xlsx                                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |

| Match | Associated Sample Name / URL                           | SHA 256                  | Detection | Link                   | Context        |
|-------|--------------------------------------------------------|--------------------------|-----------|------------------------|----------------|
|       | SWIFT.exe                                              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | Payment _Advice (2).exe                                | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | cricket.exe                                            | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | SG1_000000123205044_1.pdf.gz.exe                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | Ordine d'acquisto 240517_04062021.exe                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | _VmailMessage_Wave19922626.html                        | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.179 |
|       | Order 01042021-V728394-H16.pdf.exe                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | RFQ#EX50GO_pdf.exe                                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | TRANSACTION_INTTRANSFER_1617266945242 ME DICON_PDF.exe | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | Shandong CIRS Form.exe                                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | DHL_DELIVERY_CONFIRMATION_CBJ002042021068506.exe       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | REQUEST QUOTATION BID..pdf.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |
|       | RFQ#ZAEL67012_doc.exe                                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 77.88.21.158 |

### JA3 Fingerprints

No context

### Dropped Files

No context

## Created / dropped Files

|                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                       |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| C:\Users\luser\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\UOB_BANK_MT104_SCAN.exe.log |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Process:                                                                                 | C:\Users\luser\Desktop\UOB_BANK_MT104_SCAN.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
| File Type:                                                                               | ASCII text, with CRLF line terminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                       |
| Category:                                                                                | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
| Size (bytes):                                                                            | 1314                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                       |
| Entropy (8bit):                                                                          | 5.350128552078965                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                       |
| Encrypted:                                                                               | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |
| SSDEEP:                                                                                  | 24:MLU84jE4K5E4Ks2E1qE4qXKDE4KhK3VZ9pKhPKIE4oKFHKHkoZAE4Kzr7FE4sAmEw:MgvjHK5HKXE1qHiYHKhQnoPtHoxHhAHR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |
| MD5:                                                                                     | 1DC1A2DCC9EFAA84EABF4F6D6066565B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |
| SHA1:                                                                                    | B7FCF805B6DD8DE815EA9BC089BD99F1E617F4E9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                       |
| SHA-256:                                                                                 | 28D63442C17BF19558655C88A635CB3C3FF1BAD1CCD9784090B9749A7E71FCEF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |
| SHA-512:                                                                                 | 95DD7E2AB0884A3EFD9E26033B337D1F97DDF9A8E9E9C4C32187DCD40622D8B1AC8CCDBA12A70A6B9075DF5E7F68DF2F8FBA4AB33DB4576BE9806B8E19180B7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                       |
| Malicious:                                                                               | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                       |
| Reputation:                                                                              | high, very likely benign file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                       |
| Preview:                                                                                 | 1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"Microsoft.VisualBasic, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbcb72e6\System.ni.dll",0..2,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"System.Configuration, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\18d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll",0..3,"System.Xml, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a |                                                                                       |

|                                                                              |                                                                                                                                 |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\luser\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\outlook.exe.log |                                                                                                                                 |
| Process:                                                                     | C:\Users\luser\AppData\Roaming\outlook\outlook.exe                                                                              |
| File Type:                                                                   | ASCII text, with CRLF line terminators                                                                                          |
| Category:                                                                    | dropped                                                                                                                         |
| Size (bytes):                                                                | 1314                                                                                                                            |
| Entropy (8bit):                                                              | 5.350128552078965                                                                                                               |
| Encrypted:                                                                   | false                                                                                                                           |
| SSDEEP:                                                                      | 24:MLU84jE4K5E4Ks2E1qE4qXKDE4KhK3VZ9pKhPKIE4oKFHKHkoZAE4Kzr7FE4sAmEw:MgvjHK5HKXE1qHiYHKhQnoPtHoxHhAHR                           |
| MD5:                                                                         | 1DC1A2DCC9EFAA84EABF4F6D6066565B                                                                                                |
| SHA1:                                                                        | B7FCF805B6DD8DE815EA9BC089BD99F1E617F4E9                                                                                        |
| SHA-256:                                                                     | 28D63442C17BF19558655C88A635CB3C3FF1BAD1CCD9784090B9749A7E71FCEF                                                                |
| SHA-512:                                                                     | 95DD7E2AB0884A3EFD9E26033B337D1F97DDF9A8E9E9C4C32187DCD40622D8B1AC8CCDBA12A70A6B9075DF5E7F68DF2F8FBA4AB33DB4576BE9806B8E19180B7 |
| Malicious:                                                                   | false                                                                                                                           |

C:\Users\user\AppData\Local\Microsoft\CLR\_v4.0\_32\UsageLogs\outlook.exe.log

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reputation: | high, very likely benign file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preview:    | 1,"fusion","GAC",0..1,"WinRT","NotApp",1..2,"Microsoft.VisualBasic, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbcb72e6\System.ni.dll",0..2,"System.Drawing, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..3,"System.Core, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\fd8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll",0..3,"System.Configuration, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a","C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll",0..3,"System.Xml, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a |

C:\Users\user\AppData\Roaming\outlook\outlook.exe



|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| File Type:      | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Size (bytes):   | 818176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Entropy (8bit): | 7.692203118539672                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SSDEEP:         | 12288:SopTcgSA5FMxYj3yATy1nWPGNUsSvjHAE0diJHXbms5PulZWYNh3Cq4HrRD4DHL:PTNHgYjiA21WL7PNas5PuyY/d4HNhmq                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MD5:            | 62CFFBE922A88EBAE13AB4AEBFD8ED2D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SHA1:           | 569321846759678308CB52D01537AEFC2D9D8389                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHA-256:        | BCB425236D9708ACD844D3ABF15E14A33F029EE760D1DACF9C590A70C2283E75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SHA-512:        | C383B9420D22FD87AAEDD9F5A157F8757ABF53EFB9D6CE724416AC26A4CBB21C59B7DA7DB2830B8F9F3B234B161DC026D25E55DC9F7D3D67DF45C8FC7256FC4                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Malicious:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reputation:     | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preview:        | MZ.....@.....!..L.!This program cannot be run in DOS mode...\$......PE..L..E.t'.....P..\......>Z.....@.....<br>..@.....y..O.....T.....H.....text..Z.....\Z.....`rsrc...T.....^.....@.....@..rel<br>oc.....Z.....@..B..... Z.....H.....d.....0.....(\$...(%.....(.....O&...*.....('.....((.....).....(*.....(+...*N..(...0...<br>(...*&..(-...*s.....s/.....s0.....s1.....s2.....*...0.....~...o3...+...*0.....~...o4...+...*0.....~...o5...+...*0.....~...o6...+...*0.....~...o7...+...*0...<.....~...<br>(8.....lr...p.....(9...o...s;.....~.....+...*0..... |

C:\Users\user\AppData\Roaming\outlook\outlook.exe:Zone.Identifier



|                 |                                                                                                                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe                                                                                  |
| File Type:      | ASCII text, with CRLF line terminators                                                                                         |
| Category:       | dropped                                                                                                                        |
| Size (bytes):   | 26                                                                                                                             |
| Entropy (8bit): | 3.95006375643621                                                                                                               |
| Encrypted:      | false                                                                                                                          |
| SSDEEP:         | 3:ggPYV:rPYV                                                                                                                   |
| MD5:            | 187F488E27DB4AF347237FE461A079AD                                                                                               |
| SHA1:           | 6693BA299EC1881249D59262276A0D2CB21F8E64                                                                                       |
| SHA-256:        | 255A65D30841AB4082BD9D0EEA79D49C5EE88F56136157D8D6156AEF11C12309                                                               |
| SHA-512:        | 89879F237C0C051EBE784D0690657A6827A312A82735DA42AD5F744D734FC545BEC9642C19D14C05B2F01FF53BC731530C92F7327BB7DC9CDE1B60FB21CD64 |
| Malicious:      | true                                                                                                                           |
| Reputation:     | high, very likely benign file                                                                                                  |
| Preview:        | [ZoneTransfer]....Zoneld=0                                                                                                     |

C:\Users\user\AppData\Roaming\voqu0pjl.ash\Chrome\Default\Cookies

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe                                                                                    |
| File Type:      | SQLite 3.x database, last written using SQLite version 3032001                                                                   |
| Category:       | modified                                                                                                                         |
| Size (bytes):   | 20480                                                                                                                            |
| Entropy (8bit): | 0.7006690334145785                                                                                                               |
| Encrypted:      | false                                                                                                                            |
| SSDEEP:         | 24:TLbJLbXaFpEO5bNmIShN06UwcQPx5fBoe9H6pf1H1oNQ:T5LLOpEO5J/Kn7U1uBobfvoNQ                                                        |
| MD5:            | A7FE10DA330AD03BF22DC9AC76BBB3E4                                                                                                 |
| SHA1:           | 1805CB7A2208BAEFF71DCB3FE32DB0CC935CF803                                                                                         |
| SHA-256:        | 8D6B84A96429B5C672838BF431A47EC59655E561EBFBB4E63B46351D10A7AAD8                                                                 |
| SHA-512:        | 1DBE27AED6E1E98E9F82AC1F5B774ACB6F3A773BEB17B66C2FB7B89D12AC87A6D5B716EF844678A5417F30EE8855224A8686A135876AB4C0561B3C6059E635C7 |
| Malicious:      | false                                                                                                                            |
| Reputation:     | moderate, very likely benign file                                                                                                |
| Preview:        | SQLite format 3.....@ .....C.....g...8.....                                                                                      |

## Static File Info

### General

|                       |                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File type:            | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows                                                                                                                                                                                                                                                                     |
| Entropy (8bit):       | 7.692203118539672                                                                                                                                                                                                                                                                                                                        |
| TrID:                 | <ul style="list-style-type: none"><li>Win32 Executable (generic) Net Framework (10011505/4) 49.83%</li><li>Win32 Executable (generic) a (10002005/4) 49.78%</li><li>Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36%</li><li>Generic Win/DOS Executable (2004/3) 0.01%</li><li>DOS Executable Generic (2002/1) 0.01%</li></ul> |
| File name:            | UOB_BANK_MT104_SCAN.exe                                                                                                                                                                                                                                                                                                                  |
| File size:            | 818176                                                                                                                                                                                                                                                                                                                                   |
| MD5:                  | 62cffbe922a88ebae13ab4aebfd8ed2d                                                                                                                                                                                                                                                                                                         |
| SHA1:                 | 569321846759678308cb52d01537aefc2d9d8389                                                                                                                                                                                                                                                                                                 |
| SHA256:               | bcb425236d9708acd844d3abf15e14a33f029ee760d1daf9c590a70c2283e75                                                                                                                                                                                                                                                                          |
| SHA512:               | c383b9420d22fd87aaedd9f5a157f8757abf53efb9d6ce724416ac26a4cbb21c59b7da7db2830b8f9f3b234b161dc026d25e55dc9f7d3d67df45c8fc7256f3c4                                                                                                                                                                                                         |
| SSDEEP:               | 12288:SopTcgSA5FMxYj3yATy1nWPGNUsSvjHAE0diJHXbms5PulZWYNh3Cq4HrRDi4DHL:PTNHgYjiA21WL7PNas5PuyY/d4HNhmq                                                                                                                                                                                                                                   |
| File Content Preview: | MZ.....@.....!..!Th<br>is program cannot be run in DOS mode...\$.PE..L...<br>E.t`.....P.\.....>z.. .....@..<br>....@.....                                                                                                                                                                                                                |

### File Icon

|                                                                                     |                  |
|-------------------------------------------------------------------------------------|------------------|
|  |                  |
| Icon Hash:                                                                          | 1e3731393931371c |

## Static PE Info

### General

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| Entrypoint:                 | 0x4b7a3e                                               |
| Entrypoint Section:         | .text                                                  |
| Digitally signed:           | false                                                  |
| Imagebase:                  | 0x400000                                               |
| Subsystem:                  | windows gui                                            |
| Image File Characteristics: | 32BIT_MACHINE, EXECUTABLE_IMAGE                        |
| DLL Characteristics:        | NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT |
| Time Stamp:                 | 0x60740445 [Mon Apr 12 08:26:45 2021 UTC]              |
| TLS Callbacks:              |                                                        |
| CLR (.Net) Version:         | v4.0.30319                                             |
| OS Version Major:           | 4                                                      |
| OS Version Minor:           | 0                                                      |
| File Version Major:         | 4                                                      |
| File Version Minor:         | 0                                                      |
| Subsystem Version Major:    | 4                                                      |
| Subsystem Version Minor:    | 0                                                      |
| Import Hash:                | f34d5f2d4577ed6d9ceec516c1f5a744                       |

### Entrypoint Preview

#### Instruction

```
jmp dword ptr [00402000h]
or dword ptr [edx], ecx
or eax, 00000020h
add byte ptr [ecx+49h], cl
sub al, byte ptr [eax]
```





| Name          | RVA     | Size  | Type                                                                            | Language | Country |
|---------------|---------|-------|---------------------------------------------------------------------------------|----------|---------|
| RT_GROUP_ICON | 0xc899c | 0x14  | data                                                                            |          |         |
| RT_VERSION    | 0xc89b0 | 0x37c | data                                                                            |          |         |
| RT_MANIFEST   | 0xc8d2c | 0xd25 | XML 1.0 document, UTF-8 Unicode (with BOM) text, with CRLF, LF line terminators |          |         |

Imports

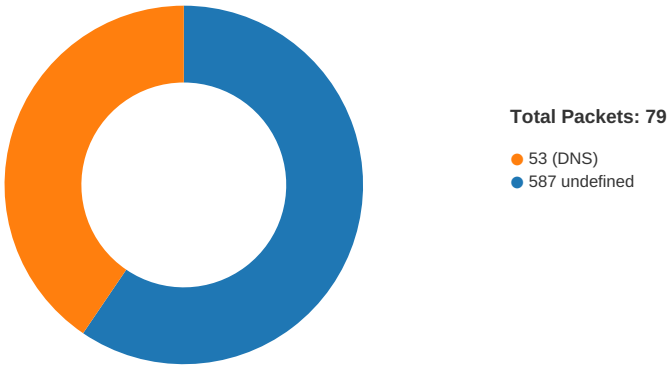
| DLL         | Import      |
|-------------|-------------|
| mscoree.dll | _CorExeMain |

Version Infos

| Description      | Data                                 |
|------------------|--------------------------------------|
| Translation      | 0x0000 0x04b0                        |
| LegalCopyright   | Copyright Adobe Inc, Sel 2011 - 2021 |
| Assembly Version | 1.0.0.0                              |
| InternalName     | UTF8Decoder.exe                      |
| FileVersion      | 1.0.0.0                              |
| CompanyName      | Adobe Inc, Sel                       |
| LegalTrademarks  |                                      |
| Comments         |                                      |
| ProductName      | Image Studio                         |
| ProductVersion   | 1.0.0.0                              |
| FileDescription  | Image Studio                         |
| OriginalFilename | UTF8Decoder.exe                      |

Network Behavior

Network Port Distribution



TCP Packets

| Timestamp                            | Source Port | Dest Port | Source IP    | Dest IP      |
|--------------------------------------|-------------|-----------|--------------|--------------|
| Apr 12, 2021 13:43:44.088363886 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.175313950 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.175730944 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.416920900 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.417490005 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.506367922 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.506439924 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.507352114 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.594712973 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.637120962 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.677920103 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.768826008 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |

| Timestamp                            | Source Port | Dest Port | Source IP    | Dest IP      |
|--------------------------------------|-------------|-----------|--------------|--------------|
| Apr 12, 2021 13:43:44.768860102 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.768894911 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.768919945 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.768955946 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.768991947 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.825815916 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:44.912899971 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:44.965246916 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.259609938 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.346306086 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:45.348658085 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.437921047 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:45.439239025 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.542537928 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:45.544009924 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.635410070 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:45.636209011 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.729252100 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:45.729968071 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.817075014 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:45.822437048 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.822658062 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.823342085 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.823451042 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:45.909910917 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:45.910979033 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:46.478163004 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:46.527929068 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:47.842917919 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:47.929693937 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:47.929750919 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:47.930035114 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:48.114232063 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:48.202858925 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.031492949 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.118124962 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.118231058 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.353441954 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.353651047 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.441134930 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.441169977 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.441395044 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.532269001 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.532725096 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.620734930 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.620768070 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.620789051 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.620806932 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.620877981 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.620942116 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.624454975 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.710761070 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.713831902 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.801517963 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.802402020 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.889991045 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.891146898 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:49.995840073 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:49.996519089 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.086659908 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.087469101 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.182554007 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.183394909 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.270052910 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |

| Timestamp                            | Source Port | Dest Port | Source IP    | Dest IP      |
|--------------------------------------|-------------|-----------|--------------|--------------|
| Apr 12, 2021 13:43:50.272769928 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.273118973 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.273451090 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.273760080 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.274239063 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.274544954 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.274770975 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.275033951 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |
| Apr 12, 2021 13:43:50.361502886 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.362443924 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.362487078 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.363063097 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.405034065 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.900011063 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  |
| Apr 12, 2021 13:43:50.950139999 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 |

## UDP Packets

| Timestamp                            | Source Port | Dest Port | Source IP   | Dest IP     |
|--------------------------------------|-------------|-----------|-------------|-------------|
| Apr 12, 2021 13:41:47.088049889 CEST | 59123       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:47.161422014 CEST | 53          | 59123     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:41:49.629338026 CEST | 54531       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:49.691839933 CEST | 53          | 54531     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:41:51.551294088 CEST | 49714       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:51.599951982 CEST | 53          | 49714     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:41:52.932041883 CEST | 58028       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:52.981076002 CEST | 53          | 58028     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:41:53.770360947 CEST | 53097       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:53.820811033 CEST | 53          | 53097     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:41:54.807579994 CEST | 49257       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:54.857723951 CEST | 53          | 49257     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:41:55.635274887 CEST | 62389       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:55.686678886 CEST | 53          | 62389     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:41:58.977431059 CEST | 49910       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:41:59.030529976 CEST | 53          | 49910     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:04.878201962 CEST | 55854       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:04.932564020 CEST | 53          | 55854     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:06.394237995 CEST | 64549       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:06.444811106 CEST | 53          | 64549     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:07.652136087 CEST | 63153       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:07.701169968 CEST | 53          | 63153     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:09.703676939 CEST | 52991       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:09.755377054 CEST | 53          | 52991     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:23.092509031 CEST | 53700       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:23.142779112 CEST | 53          | 53700     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:24.527841091 CEST | 51726       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:24.581901073 CEST | 53          | 51726     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:29.328098059 CEST | 56794       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:29.385510921 CEST | 53          | 56794     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:30.232234955 CEST | 56534       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:30.281128883 CEST | 53          | 56534     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:40.249526978 CEST | 56627       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:40.317590952 CEST | 53          | 56627     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:42.329910040 CEST | 56621       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:42.381172895 CEST | 53          | 56621     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:52.982672930 CEST | 63116       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:53.040520906 CEST | 53          | 63116     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:42:54.232973099 CEST | 64078       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:42:54.287647009 CEST | 53          | 64078     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:01.674324036 CEST | 64801       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:01.722995043 CEST | 53          | 64801     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:06.847794056 CEST | 61721       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:06.898809910 CEST | 53          | 61721     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:08.905364990 CEST | 51255       | 53        | 192.168.2.4 | 8.8.8.8     |

| Timestamp                            | Source Port | Dest Port | Source IP   | Dest IP     |
|--------------------------------------|-------------|-----------|-------------|-------------|
| Apr 12, 2021 13:43:08.967346907 CEST | 53          | 51255     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:23.779581070 CEST | 61522       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:23.831465006 CEST | 53          | 61522     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:26.071857929 CEST | 52337       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:26.131859064 CEST | 53          | 52337     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:26.888319969 CEST | 55046       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:26.940362930 CEST | 53          | 55046     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:42.477943897 CEST | 49612       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:42.526719093 CEST | 53          | 49612     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:43.810199022 CEST | 49285       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:43.872534990 CEST | 53          | 49285     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:43.896019936 CEST | 50601       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:43.956119061 CEST | 53          | 50601     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:44.370868921 CEST | 60875       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:44.439306974 CEST | 53          | 60875     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:48.537571907 CEST | 56448       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:48.599728107 CEST | 53          | 56448     | 8.8.8.8     | 192.168.2.4 |
| Apr 12, 2021 13:43:48.970973969 CEST | 59172       | 53        | 192.168.2.4 | 8.8.8.8     |
| Apr 12, 2021 13:43:49.030179024 CEST | 53          | 59172     | 8.8.8.8     | 192.168.2.4 |

## DNS Queries

| Timestamp                            | Source IP   | Dest IP | Trans ID | OP Code            | Name            | Type           | Class       |
|--------------------------------------|-------------|---------|----------|--------------------|-----------------|----------------|-------------|
| Apr 12, 2021 13:43:43.810199022 CEST | 192.168.2.4 | 8.8.8.8 | 0xa1eb   | Standard query (0) | smtp.yandex.com | A (IP address) | IN (0x0001) |
| Apr 12, 2021 13:43:43.896019936 CEST | 192.168.2.4 | 8.8.8.8 | 0xbc0    | Standard query (0) | smtp.yandex.com | A (IP address) | IN (0x0001) |
| Apr 12, 2021 13:43:48.537571907 CEST | 192.168.2.4 | 8.8.8.8 | 0xa8c6   | Standard query (0) | smtp.yandex.com | A (IP address) | IN (0x0001) |
| Apr 12, 2021 13:43:48.970973969 CEST | 192.168.2.4 | 8.8.8.8 | 0xe20c   | Standard query (0) | smtp.yandex.com | A (IP address) | IN (0x0001) |

## DNS Answers

| Timestamp                            | Source IP | Dest IP     | Trans ID | Reply Code   | Name            | CName          | Address      | Type                   | Class       |
|--------------------------------------|-----------|-------------|----------|--------------|-----------------|----------------|--------------|------------------------|-------------|
| Apr 12, 2021 13:43:43.872534990 CEST | 8.8.8.8   | 192.168.2.4 | 0xa1eb   | No error (0) | smtp.yandex.com | smtp.yandex.ru |              | CNAME (Canonical name) | IN (0x0001) |
| Apr 12, 2021 13:43:43.872534990 CEST | 8.8.8.8   | 192.168.2.4 | 0xa1eb   | No error (0) | smtp.yandex.ru  |                | 77.88.21.158 | A (IP address)         | IN (0x0001) |
| Apr 12, 2021 13:43:43.956119061 CEST | 8.8.8.8   | 192.168.2.4 | 0xbc0    | No error (0) | smtp.yandex.com | smtp.yandex.ru |              | CNAME (Canonical name) | IN (0x0001) |
| Apr 12, 2021 13:43:43.956119061 CEST | 8.8.8.8   | 192.168.2.4 | 0xbc0    | No error (0) | smtp.yandex.ru  |                | 77.88.21.158 | A (IP address)         | IN (0x0001) |
| Apr 12, 2021 13:43:48.599728107 CEST | 8.8.8.8   | 192.168.2.4 | 0xa8c6   | No error (0) | smtp.yandex.com | smtp.yandex.ru |              | CNAME (Canonical name) | IN (0x0001) |
| Apr 12, 2021 13:43:48.599728107 CEST | 8.8.8.8   | 192.168.2.4 | 0xa8c6   | No error (0) | smtp.yandex.ru  |                | 77.88.21.158 | A (IP address)         | IN (0x0001) |
| Apr 12, 2021 13:43:49.030179024 CEST | 8.8.8.8   | 192.168.2.4 | 0xe20c   | No error (0) | smtp.yandex.com | smtp.yandex.ru |              | CNAME (Canonical name) | IN (0x0001) |
| Apr 12, 2021 13:43:49.030179024 CEST | 8.8.8.8   | 192.168.2.4 | 0xe20c   | No error (0) | smtp.yandex.ru  |                | 77.88.21.158 | A (IP address)         | IN (0x0001) |

## SMTP Packets

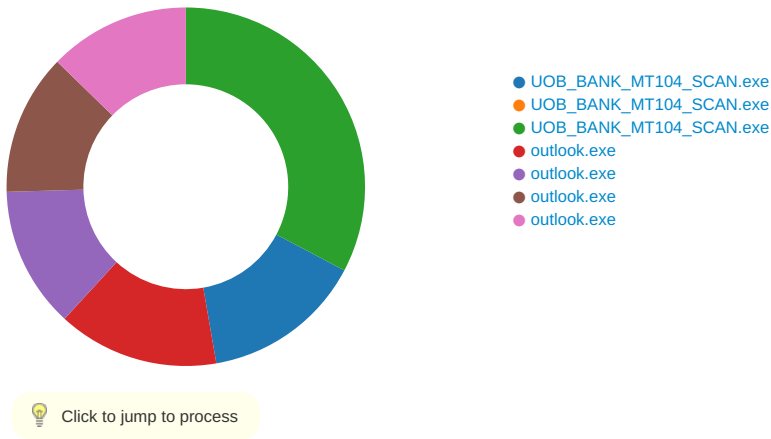
| Timestamp                            | Source Port | Dest Port | Source IP    | Dest IP      | Commands                                                                                                                                                 |
|--------------------------------------|-------------|-----------|--------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apr 12, 2021 13:43:44.416920900 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  | 220 myt4-1dda227af9a8.qload-c.yandex.net ESMTP (Want to use Yandex.Mail for your domain? Visit <a href="http://pdd.yandex.ru">http://pdd.yandex.ru</a> ) |
| Apr 12, 2021 13:43:44.417490005 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 | EHLO 571345                                                                                                                                              |

| Timestamp                            | Source Port | Dest Port | Source IP    | Dest IP      | Commands                                                                                                                                                                               |
|--------------------------------------|-------------|-----------|--------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apr 12, 2021 13:43:44.506439924 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  | 250-my4-1dda227af9a8.qcloud-c.yandex.net<br>250-8BITMIME<br>250-PIPELINING<br>250-SIZE 42991616<br>250-STARTTLS<br>250-AUTH LOGIN PLAIN XOAUTH2<br>250-DSN<br>250 ENHANCEDSTATUSCODES  |
| Apr 12, 2021 13:43:44.507352114 CEST | 49751       | 587       | 192.168.2.4  | 77.88.21.158 | STARTTLS                                                                                                                                                                               |
| Apr 12, 2021 13:43:44.594712973 CEST | 587         | 49751     | 77.88.21.158 | 192.168.2.4  | 220 Go ahead                                                                                                                                                                           |
| Apr 12, 2021 13:43:49.353441954 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  | 220 iva8-174eb672ffa9.qcloud-c.yandex.net ESMTP (Want to use Yandex.Mail for your domain? Visit http://pdd.yandex.ru)                                                                  |
| Apr 12, 2021 13:43:49.353651047 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 | EHLO 571345                                                                                                                                                                            |
| Apr 12, 2021 13:43:49.441169977 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  | 250-iva8-174eb672ffa9.qcloud-c.yandex.net<br>250-8BITMIME<br>250-PIPELINING<br>250-SIZE 42991616<br>250-STARTTLS<br>250-AUTH LOGIN PLAIN XOAUTH2<br>250-DSN<br>250 ENHANCEDSTATUSCODES |
| Apr 12, 2021 13:43:49.441395044 CEST | 49753       | 587       | 192.168.2.4  | 77.88.21.158 | STARTTLS                                                                                                                                                                               |
| Apr 12, 2021 13:43:49.532269001 CEST | 587         | 49753     | 77.88.21.158 | 192.168.2.4  | 220 Go ahead                                                                                                                                                                           |

Code Manipulations

Statistics

Behavior



System Behavior

Analysis Process: UOB\_BANK\_MT104\_SCAN.exe PID: 7164 Parent PID: 6096

General

|                        |                                               |
|------------------------|-----------------------------------------------|
| Start time:            | 13:41:53                                      |
| Start date:            | 12/04/2021                                    |
| Path:                  | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe |
| Wow64 process (32bit): | true                                          |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Commandline:                  | 'C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe'                                                                                                                                                                                                                                                                                                                                                     |
| Imagebase:                    | 0x790000                                                                                                                                                                                                                                                                                                                                                                                            |
| File size:                    | 818176 bytes                                                                                                                                                                                                                                                                                                                                                                                        |
| MD5 hash:                     | 62CFFBE922A88EBAE13AB4AEBFD8ED2D                                                                                                                                                                                                                                                                                                                                                                    |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                   |
| Yara matches:                 | <ul style="list-style-type: none"><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000000.00000002.653990292.0000000003E9B000.00000004.00000001.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000000.00000002.653198971.0000000002D11000.00000004.00000001.sdmp, Author: Joe Security</li></ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                 |

File Activities

File Created

| File Path                                                                               | Access                                        | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol      |
|-----------------------------------------------------------------------------------------|-----------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|-------------|
| C:\Users\user                                                                           | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown     |
| C:\Users\user\AppData\Roaming                                                           | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown     |
| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\UOB_BANK_MT104_SCAN.exe.log | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 6D6EC78D       | CreateFileW |

File Written

| File Path                                                                               | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ascii                                                                                                                                                                                                                                                                  | Completion      | Count | Source Address | Symbol    |
|-----------------------------------------------------------------------------------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\UOB_BANK_MT104_SCAN.exe.log | unknown | 1314   | 31 2c 22 66 75 73 69 6f 6e 22 2c 22 47 41 43 22 2c 30 0d 0a 31 2c 22 57 69 6e 52 54 22 2c 22 4e 6f 74 41 70 70 22 2c 31 0d 0a 32 2c 22 4d 69 63 72 6f 73 6f 66 74 2e 56 69 73 75 61 6c 42 61 73 69 63 2c 20 56 65 72 73 69 6f 6e 3d 31 30 2e 30 2e 30 2e 30 2c 20 43 75 6c 74 75 72 65 3d 6e 65 75 74 72 61 6c 2c 20 50 75 62 6c 69 63 4b 65 79 54 6f 6b 65 6e 3d 62 30 33 66 35 66 37 66 31 31 64 35 30 61 33 61 22 2c 30 0d 0a 32 2c 22 53 79 73 74 65 6d 2e 57 69 6e 64 6f 77 73 2e 46 6f 72 6d 73 2c 20 56 65 72 73 69 6f 6e 3d 34 2e 30 2e 30 2e 30 2c 20 43 75 6c 74 75 72 65 3d 6e 65 75 74 72 61 6c 2c 20 50 75 62 6c 69 63 4b 65 79 54 6f 6b 65 6e 3d 62 37 37 61 35 63 35 36 31 39 33 34 65 30 38 39 22 2c 30 0d 0a 33 2c 22 53 79 73 74 65 6d 2c 20 56 65 72 73 69 6f 6e 3d 34 2e | 1,"fusion","GAC",0..1,"WinRT", "NotApp",1..2,"Microsoft.VisualStudioBasic, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4. | success or wait | 1     | 6D6EC907       | WriteFile |

File Read

| File Path                                                                                                                            | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 6135   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorliba152fe02a317a77aeee36903305e8ba6\mscorlib.ni.dll.aux                          | unknown | 176    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3BCA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbcb72e6\System.ni.dll.aux                             | unknown | 620    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                     | unknown | 748    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 8171   | end of file     | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |

### Analysis Process: UOB\_BANK\_MT104\_SCAN.exe PID: 976 Parent PID: 7164

#### General

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Start time:                   | 13:42:00                                      |
| Start date:                   | 12/04/2021                                    |
| Path:                         | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe |
| Wow64 process (32bit):        | false                                         |
| Commandline:                  | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe |
| Imagebase:                    | 0x150000                                      |
| File size:                    | 818176 bytes                                  |
| MD5 hash:                     | 62CFFBE922A88EBAE13AB4AEBFD8ED2D              |
| Has elevated privileges:      | true                                          |
| Has administrator privileges: | true                                          |
| Programmed in:                | C, C++ or other language                      |
| Reputation:                   | low                                           |

### Analysis Process: UOB\_BANK\_MT104\_SCAN.exe PID: 6460 Parent PID: 7164

#### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 13:42:01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Start date:                   | 12/04/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Path:                         | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Commandline:                  | C:\Users\user\Desktop\UOB_BANK_MT104_SCAN.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Imagebase:                    | 0x9f0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| File size:                    | 818176 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MD5 hash:                     | 62CFFBE922A88EBAE13AB4AEBFD8ED2D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000002.901584866.00000000030E2000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000005.00000002.900779830.0000000002DE1000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000005.00000002.897472455.000000000402000.00000040.00000001.sdmp, Author: Joe Security</li> </ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

#### File Activities

## File Created

| File Path                                                                | Access                                                                                                          | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol           |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|------------------|
| C:\Users\user                                                            | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown          |
| C:\Users\user\AppData\Roaming                                            | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown          |
| C:\Users\user\AppData\Roaming\outlook                                    | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 6C22BEFF       | CreateDirectoryW |
| C:\Users\user\AppData\Roaming\outlook\outlook.exe                        | read data or list directory   read attributes   delete   write dac   synchronize   generic read   generic write | device     | sequential only   non directory file                                                   | success or wait       | 1     | 6C22DD66       | CopyFileW        |
| C:\Users\user\AppData\Roaming\outlook\outlook.exe\Zone.Identifier:\$DATA | read data or list directory   synchronize   generic write                                                       | device     | sequential only   synchronous io non alert                                             | success or wait       | 1     | 6C22DD66       | CopyFileW        |
| C:\Users\user\AppData\Roaming\voqu0pjl.ash                               | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 6C22BEFF       | CreateDirectoryW |
| C:\Users\user\AppData\Roaming\voqu0pjl.ash\Chrome                        | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 6C22BEFF       | CreateDirectoryW |
| C:\Users\user\AppData\Roaming\voqu0pjl.ash\Chrome\Default                | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 6C22BEFF       | CreateDirectoryW |
| C:\Users\user\AppData\Roaming\voqu0pjl.ash\Chrome\Default\Cookies        | read data or list directory   read attributes   delete   write dac   synchronize   generic read   generic write | device     | sequential only   synchronous io non alert   non directory file                        | success or wait       | 1     | 6C22DD66       | CopyFileW        |

## File Deleted

| File Path                                                         | Completion      | Count | Source Address | Symbol      |
|-------------------------------------------------------------------|-----------------|-------|----------------|-------------|
| C:\Users\user\AppData\Roaming\voqu0pjl.ash\Chrome\Default\Cookies | success or wait | 1     | 6C226A95       | DeleteFileW |

| Old File Path | New File Path | Completion | Count | Source Address | Symbol |
|---------------|---------------|------------|-------|----------------|--------|
|---------------|---------------|------------|-------|----------------|--------|

## File Written

| File Path | Offset | Length | Value | Ascii | Completion | Count | Source Address | Symbol |
|-----------|--------|--------|-------|-------|------------|-------|----------------|--------|
|-----------|--------|--------|-------|-------|------------|-------|----------------|--------|

[illegible]

## File Read

| File Path                                                           | Offset  | Length | Completion      | Count | Source Address | Symbol  |
|---------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|---------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config | unknown | 6135   | success or wait | 1     | 6D3B5705       | unknown |

| File Path                                                                                                                            | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorliba152fe02a317a77ae36903305e8ba6\mscorlib.ni.dll.aux                            | unknown | 176    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3BCA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbcb72e6\System.ni.dll.aux                             | unknown | 620    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                     | unknown | 748    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 8171   | end of file     | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |
| C:\Users\user\AppData\Local\Microsoft\Credentials\DFBE70A7E5CC19A398EBF1B96859CE5D                                                   | unknown | 11168  | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Users\user\AppData\Roaming\Microsoft\Protect\S-1-5-21-3853321935-2125563209-4053062332-10021b6e02eea-b530-48f6-b606-1d15259be23a  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Users\user\AppData\Local\Microsoft\Credentials\DFBE70A7E5CC19A398EBF1B96859CE5D                                                   | unknown | 11168  | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Users\user\AppData\Local\Google\Chrome\User Data\Default\Login Data                                                               | unknown | 40960  | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Program Files (x86)\jDownloader\config\database.script                                                                            | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Program Files (x86)\jDownloader\config\database.script                                                                            | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |
| C:\Users\user\AppData\Roaming\voqu0pjl.ash\Chrome\Default\Cookies                                                                    | unknown | 16384  | success or wait | 2     | 6C221B4F       | ReadFile |

#### Registry Activities

#### Key Value Created

| Key Path                                                                                 | Name    | Type    | Data                                              | Completion      | Count | Source Address | Symbol         |
|------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------|-----------------|-------|----------------|----------------|
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Run                          | outlook | unicode | C:\Users\user\AppData\Roaming\outlook\outlook.exe | success or wait | 1     | 6C22646A       | RegSetValueExW |
| HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\StartupApproved\Run | outlook | binary  | 02 00 00 00 00 00 00 00 00 00 00                  | success or wait | 1     | 6C22DE2E       | RegSetValueExW |

#### Analysis Process: outlook.exe PID: 5832 Parent PID: 3424

#### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 13:42:33                                                                                                                                                                                                                                                                                                                                                                                            |
| Start date:                   | 12/04/2021                                                                                                                                                                                                                                                                                                                                                                                          |
| Path:                         | C:\Users\user\AppData\Roaming\outlook\outlook.exe                                                                                                                                                                                                                                                                                                                                                   |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                |
| Commandline:                  | 'C:\Users\user\AppData\Roaming\outlook\outlook.exe'                                                                                                                                                                                                                                                                                                                                                 |
| Imagebase:                    | 0x4f0000                                                                                                                                                                                                                                                                                                                                                                                            |
| File size:                    | 818176 bytes                                                                                                                                                                                                                                                                                                                                                                                        |
| MD5 hash:                     | 62CFFBE922A88EBAE13AB4AEBFD8ED2D                                                                                                                                                                                                                                                                                                                                                                    |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                   |
| Yara matches:                 | <ul style="list-style-type: none"><li>Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 0000000B.00000002.734707746.0000000002901000.00000004.00000001.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000B.00000002.736717665.0000000003A8B000.00000004.00000001.sdmp, Author: Joe Security</li></ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                 |

#### File Activities

#### File Created

| File Path                                                                   | Access                                        | Attributes           | Options                                                                                | Completion            | Count | Source Address | Symbol      |
|-----------------------------------------------------------------------------|-----------------------------------------------|----------------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|-------------|
| C:\Users\user                                                               | read data or list directory   synchronize     | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown     |
| C:\Users\user\AppData\Roaming                                               | read data or list directory   synchronize     | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown     |
| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\outlook.exe.log | read attributes   synchronize   generic write | device   sparse file | synchronous io non alert   non directory file                                          | success or wait       | 1     | 6D6EC78D       | CreateFileW |

File Written

| File Path                                                                   | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ascii                                                                                                                                                                                                                                                                  | Completion      | Count | Source Address | Symbol    |
|-----------------------------------------------------------------------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Microsoft\CLR_v4.0_32\UsageLogs\outlook.exe.log | unknown | 1314   | 31 2c 22 66 75 73 69 6f 6e 22 2c 22 47 41 43 22 2c 30 0d 0a 31 2c 22 57 69 6e 52 54 22 2c 22 4e 6f 74 41 70 70 22 2c 31 0d 0a 32 2c 22 4d 69 63 72 6f 73 6f 66 74 2e 56 69 73 75 61 6c 42 61 73 69 63 2c 20 56 65 72 73 69 6f 6e 3d 31 30 2e 30 2e 30 2e 30 2c 20 43 75 6c 74 75 72 65 3d 6e 65 75 74 72 61 6c 2c 20 50 75 62 6c 69 63 4b 65 79 54 6f 6b 65 6e 3d 62 30 33 66 35 66 37 66 31 31 64 35 30 61 33 61 22 2c 30 0d 0a 32 2c 22 53 79 73 74 65 6d 2e 57 69 6e 64 6f 77 73 2e 46 6f 72 6d 73 2c 20 56 65 72 73 69 6f 6e 3d 34 2e 30 2e 30 2e 30 2c 20 43 75 6c 74 75 72 65 3d 6e 65 75 74 72 61 6c 2c 20 50 75 62 6c 69 63 4b 65 79 54 6f 6b 65 6e 3d 62 37 37 61 35 63 35 36 31 39 33 34 65 30 38 39 22 2c 30 0d 0a 33 2c 22 53 79 73 74 65 6d 2c 20 56 65 72 73 69 6f 6e 3d 34 2e | 1,"fusion","GAC",0..1,"WinRT", "NotApp",1..2,"Microsoft.VisualStudioBasic, Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"System.Windows.Forms, Version=4.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e089",0..3,"System, Version=4. | success or wait | 1     | 6D6EC907       | WriteFile |

File Read

| File Path                                                                                                                            | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 6135   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib.a152fe02a317a77aeec36903305e8ba6\mscorlib.ni.dll.aux                         | unknown | 176    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3BCA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbcb72e6\System.ni.dll.aux                             | unknown | 620    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                     | unknown | 748    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 8171   | end of file     | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |

## Analysis Process: outlook.exe PID: 5948 Parent PID: 5832

### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 13:42:39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Start date:                   | 12/04/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Path:                         | C:\Users\user\AppData\Roaming\outlook\outlook.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Commandline:                  | C:\Users\user\AppData\Roaming\outlook\outlook.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Imagebase:                    | 0x6c0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| File size:                    | 818176 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MD5 hash:                     | 62CFFBE922A88EBAE13AB4AEBFD8ED2D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000E.00000002.897512703.0000000000402000.00000040.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 0000000E.00000002.900334677.0000000002AE1000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 0000000E.00000002.900334677.0000000002AE1000.00000004.00000001.sdmp, Author: Joe Security</li> </ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### File Activities

#### File Created

| File Path                     | Access                                    | Attributes           | Options                                                                                | Completion            | Count | Source Address | Symbol  |
|-------------------------------|-------------------------------------------|----------------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|---------|
| C:\Users\user                 | read data or list directory   synchronize | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown |

#### File Read

| File Path                                                                                                                            | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 6135   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib.a152fe02a317a77ae36903305e8ba6\mscorlib.ni.dll.aux                           | unknown | 176    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3BCA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll.aux                             | unknown | 620    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\1b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                    | unknown | 748    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 8171   | end of file     | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |

## Analysis Process: outlook.exe PID: 4684 Parent PID: 3424

### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 13:42:42                                                                                                                                                                                                                                                                                                                                                                                               |
| Start date:                   | 12/04/2021                                                                                                                                                                                                                                                                                                                                                                                             |
| Path:                         | C:\Users\user\AppData\Roaming\outlook\outlook.exe                                                                                                                                                                                                                                                                                                                                                      |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                   |
| Commandline:                  | 'C:\Users\user\AppData\Roaming\outlook\outlook.exe'                                                                                                                                                                                                                                                                                                                                                    |
| Imagebase:                    | 0xa00000                                                                                                                                                                                                                                                                                                                                                                                               |
| File size:                    | 818176 bytes                                                                                                                                                                                                                                                                                                                                                                                           |
| MD5 hash:                     | 62CFFBE922A88EBAE13AB4AEBFD8ED2D                                                                                                                                                                                                                                                                                                                                                                       |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                   |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                   |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                      |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000010.00000002.759764296.000000000408B000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: JoeSecurity_AntiVM_3, Description: Yara detected AntiVM_3, Source: 00000010.00000002.758186038.0000000002F01000.00000004.00000001.sdmp, Author: Joe Security</li> </ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                    |

### File Activities

#### File Created

| File Path                     | Access                                    | Attributes           | Options                                                                                | Completion            | Count | Source Address | Symbol  |
|-------------------------------|-------------------------------------------|----------------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|---------|
| C:\Users\user                 | read data or list directory   synchronize | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown |

#### File Read

| File Path                                                                                                                            | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 6135   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib.a152fe02a317a77ae36903305e8ba6\mscorlib.ni.dll.aux                           | unknown | 176    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3BCA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll.aux                             | unknown | 620    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\19d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                       | unknown | 748    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 8171   | end of file     | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |

## Analysis Process: outlook.exe PID: 6832 Parent PID: 4684

### General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 13:42:49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Start date:                   | 12/04/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Path:                         | C:\Users\user\AppData\Roaming\outlook\outlook.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Commandline:                  | C:\Users\user\AppData\Roaming\outlook\outlook.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Imagebase:                    | 0xfb0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| File size:                    | 818176 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MD5 hash:                     | 62CFFBE922A88EBAE13AB4AEBFD8ED2D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Yara matches:                 | <ul style="list-style-type: none"><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000012.00000002.897512069.0000000000402000.00000040.00000001.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_AgentTesla_1, Description: Yara detected AgentTesla, Source: 00000012.00000002.900125082.0000000003501000.00000004.00000001.sdmp, Author: Joe Security</li><li>Rule: JoeSecurity_CredentialStealer, Description: Yara detected Credential Stealer, Source: 00000012.00000002.900125082.0000000003501000.00000004.00000001.sdmp, Author: Joe Security</li></ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

File Activities

File Created

| File Path                     | Access                                    | Attributes           | Options                                                                                | Completion            | Count | Source Address | Symbol  |
|-------------------------------|-------------------------------------------|----------------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|---------|
| C:\Users\user                 | read data or list directory   synchronize | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device   sparse file | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 6D3DCF06       | unknown |

File Read

| File Path                                                                                                                            | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 6135   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\mscorlib.a152fe02a317a77ae36903305e8ba6\mscorlib.ni.dll.aux                           | unknown | 176    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3BCA54       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System\4f0a7eefa3cd3e0ba98b5ebddbbc72e6\System.ni.dll.aux                             | unknown | 620    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Configuration\8d67d92724ba494b6c7fd089d6f25b48\System.Configuration.ni.dll.aux | unknown | 864    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Core\1d8480152e0da9a60ad49c6d16a3b6d\System.Core.ni.dll.aux                    | unknown | 900    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\assembly\NativeImages_v4.0.30319_32\System.Xml\1b219d4630d26b88041b59c21e8e2b95c\System.Xml.ni.dll.aux                    | unknown | 748    | success or wait | 1     | 6D3103DE       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4095   | success or wait | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 8171   | end of file     | 1     | 6D3B5705       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | success or wait | 1     | 6C221B4F       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v4.0.30319\Config\machine.config                                                                  | unknown | 4096   | end of file     | 1     | 6C221B4F       | ReadFile |

Disassembly

Code Analysis

